

14. (Amended) The method as claimed in [any one of the preceding claims] claim 1, wherein said querying step comprises using the Structured Query Language (SQL) when querying said central file server for said information file.

15. (Amended) The method as claimed in [any one of the preceding claims] claim 1, wherein said querying step comprises the steps of:

selecting, based upon an original host name or IP-address of said information file, a central file server out of a set of central file servers, each server of said set being arranged to cache Internet information files with original host names or IP-addresses within a predefined range; and

querying the selected central file server for said information file.

16. (Amended) The method as claimed in [any one of claims] claim 6 [ 14], wherein said querying step comprises the steps of:

selecting, based upon said query number derived for said information file, a central file server out of a set of central file servers, each server of said set being arranged to cache Internet information files with corresponding query numbers within a predefined range; and

querying the selected central file server for said information file.

17. (Amended) The method as claimed in [any one of claims] claim 1 [ - 16], comprising the further steps of:

retrieving, at said local cache server, said information file from its origin server if said reply to said query indicates that said information file is not cached at said central file server;

caching said information file at said local cache server; and

updating said central file server by requesting a copy of said information file from said local cache server and caching said copy in said central file server.

20. (Amended) The arrangement as claimed in claim 18[ or 19], wherein said third means is arranged to use the Structured Query Language (SQL) when querying for said Internet information file.

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21. (Amended) The arrangement as claimed in [any one of claims] claim 18 [ - 20], wherein said alphanumerical string is included in said request received from said local cache server.

24. (Amended) The arrangement as claimed in [any one of claims] claim 18 [ - 20], wherein said Feeder includes:  
fourth means for receiving a query for an Internet information file from said local cache server; and  
fifth means for providing said local cache server with a reply to the received query.

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27. (Amended) The arrangement as claimed in [any one of claims] claim 24 [ - 26], wherein said alphanumerical string is included in said query received from said local cache server.

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30. (Amended) The arrangement as claimed in [one claims] claim 24 [ - 29], wherein said Feeder includes a table with a copy of the full index of all Internet information files cached at said central file server.

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32. (Amended) The arrangement as claimed in [one of claims] claim 18 [ - 31], wherein said arrangement, for further decreasing the load on said central file server, includes an Updater communicating with said local cache server and with said central file server, wherein said Updater includes:  
requesting means for requesting a copy of an Internet information file stored in a local cache server; and  
storing means for storing the thereby received copy in a central file server.

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34. (Amended) The arrangement as claimed in claim 32 [ or 33], wherein said Updater is arranged to communicate with said Feeder for receiving an order to request said copy of said information file.

35. (Amended) The arrangement as claimed in [any one of claims] claim 32 [ - 34], wherein said Updater includes a list of known uncachable information files, for which files a copy should not be requested.

36. (Amended) The arrangement as claimed in [any one of claims] claim 16 [ - 35], wherein said Feeder is implemented by a lower end computer and said central file server is implemented by a higher end computer.

37. (Amended) The arrangement as claimed in [any one of claims] claim 32 [ - 35], wherein said Updater is implemented by a lower end computer and said central file server is implemented by a higher end computer

41. (Amended) The system as claimed in claim[s] 39 [or 40], wherein each of said feeder means includes a plurality of Feeders, each of said Feeder interconnecting a subset of said set of local cache servers with said central file server.

42. (Amended) The Internet caching system as claimed in [any one of] claim[s] 39 [ - 41], wherein said central cache site is arranged to serve a defined set of local cache servers, which set in turn serves a linguistically and culturally homogenous user community.

43. (Amended) The Internet caching system as claimed in [any one of] claim[s] 39 [ - 42], wherein said protocol used is either the Internet Cache Protocol or the Cache Digest.

44. (Amended) The Internet caching system as claimed in [any one of] claim[s] 39 [ - 43], wherein each of said Feeder includes a table with a copy of the full index of all: information files cached at said central cache site.

45. (Amended) The Internet caching system as claimed in [any one of] claim[s] 39 [ - 44], wherein said central file server includes cached Internet information files having original host names within a predefined range.

46. (Amended) The Internet caching system as claimed in [any one of] claim[s] 39 [ - 45], further comprising updater means, interconnecting said central file server with at least one local cache server of said set, for retrieving a copy of an Internet information file from its origin server or from said at least one local cache server and for storing said copy in said central file server.

47. (Amended) The arrangement as claimed in [any one of claims] claim 32 [ - 34], wherein said Updater includes a list of known uncachable information files, for which files a copy should not be requested.